

Abstract

A system and process for controlling printing of a print job by a printer. A print request is sent from a client to the printer. The request includes a unique source identifier for the print job; a type of the document or documents that make up the print job; an
5 source address where a plurality of document resources can be retrieved; and printer settings to apply to the document or documents. and a printer timeout interval relating to an expected printing time. The printer can be informed of the size of the job or alternatively can operate in a streaming mode where data is sent to the printer as it becomes available. The printer responds to this initial request with an initial response
10 that indicates if the print job request can be accepted and if it is accepted, supplying a printer identifier for the job on the printer for use by the client to subsequently identify the job on the printer. The printer submits a data request for the document data at the source address. The data request identifies a resource in the document to retrieve, an offset into a collection of resource data and an amount of resource data to retrieve. The
15 requested document data is requested by the printer and in the event the remaining data for satisfying the data request is less than an amount requested, then all the remaining data is sent to the printer. The data sent to the printer is processed and based on the contents of the document data, an additional one or more requests for resources are sent to the client for additional document data.

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